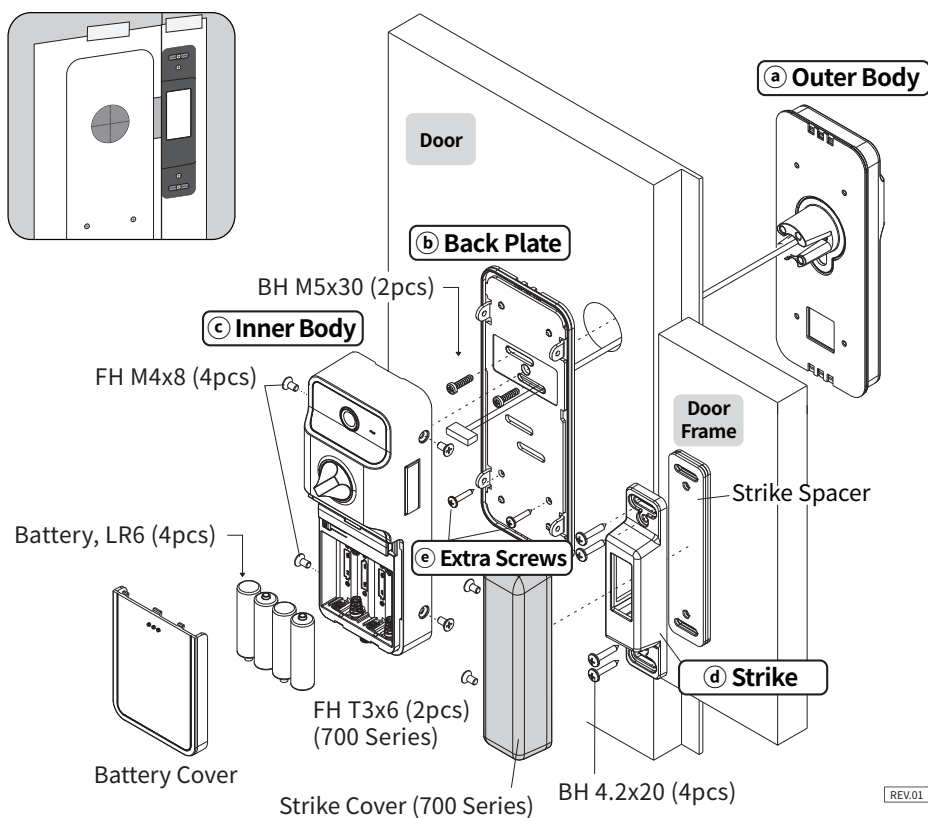


Vertical Rim Lock

(500 Series, 700 Series)

Diagram



REV.01

Smart Lock Installation Guide

1. Check Door Thickness

- Ensure the door thickness is between **30 mm and 50 mm**.
- If the door is outside this range, the lock may not operate correctly or may not be installable.

2. Select Installation Position & Attach Template

- With the door fully closed, attach the supplied Installation Paper to the **indoor side** of the door.
- Make sure the template is perfectly level.
- (If it's not level, the deadbolt may not align with the (d) **Strike** or the door may not lock properly.)

3. Drill the Main Hole

- Drill a **32 mm diameter hole** at the marked point(s) on the Installation Paper.
- ✓ This is the main hole for the Connect Cable; accuracy is essential.

4. Temporarily Assemble Outer Body & Back Plate

- Use **two BH M5x30 mm screws** to lightly secure the (a) **Outer Body** to the (b) **Back Plate**.
- (Do not overtighten at this stage; this is only a temporary fix.)

5. Temporarily Attach Inner Body & Check Operation

- Temporarily assemble the (c) **Inner Body** to the (b) **Back Plate**, then check:
 - (1) When the door is closed and the (d) **Strike** is in position, the auto-lock sensor operates normally.
 - (2) With the deadbolt locked, at least **10 mm** of the deadbolt is inserted into the (d) **Strike**.
 - (3) The deadbolt moves smoothly when locking / unlocking.
- Adjust the (b) **Back Plate** position as needed based on the above checks.

6. Secure the Outer Body

- Align the (a) **Outer Body** and (b) **Back Plate** horizontally, then fully secure them.
- Optional extra reinforcement: use (e) **Extra Screws** (**BH 4.2x20 mm screws**, 2pcs) for stronger fixing.

7. Secure the Inner Body

- Attach the (c) **Inner Body** to the (b) **Back Plate** using **four FH M4x8 mm screws**.

8. Install the Strike

- Fix the (d) **Strike** to the door frame with **four BH 4.2x20 mm screws**.
- If height adjustment is needed, add Strike Spacers.
- (Depending on spacer height, **BH 4.2x32 mm screws** may be used.)

9. Final Test

- After installation, operate the lock / unlock function several times from the **indoor side** to confirm normal operation.
- If the lock does not engage or the deadbolt catches, finely adjust the (d) **Strike** or (b) **Back Plate** position.

※ Extra Tips

- Before installation, ensure Connect Cable for both the (a) **Outer Body** and (c) **Inner Body** is not bent or pinched.
- When using a power drill, avoid excessive speed to prevent door damage.
- After installation, before inserting the batteries and powering on, double-check that all screws are securely tightened.